

**Communicable Disease Epidemiology  
and Immunization Section**

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[www.kingcounty.gov/health](http://www.kingcounty.gov/health)

**Health Advisory: Mumps Outbreak Update, King County – 2 DEC 2016**

**Action requested:**

- **Be aware of an increasing number of mumps cases among children and adolescents in King County, with most cases in the Auburn School District. Cases in adults have also been reported.**
- **Consider mumps infection in exposed patients with compatible symptoms, including:**
  - **Non-specific prodrome of fever, headache, muscle aches, tiredness and loss of appetite.**
  - **Swollen and tender salivary glands under the ears on one or both sides (parotitis).**
  - **Orchitis may develop in <10% of males with mumps infection.**
- **Instruct reception/triage staff to identify patients who present with symptoms of possible mumps:**
  - **Such patients should wear a mask covering the nose and mouth.**
  - **Remove patient from waiting area and place in a single room promptly.**
  - **Use droplet and standard precautions.**
  - **Only staff with documented immunity to mumps should be allowed to enter patient's room.**
- **Patients with a clinical picture consistent with parotitis and links to the Auburn schools or to other persons with mumps should be isolated and not return to work or school and avoid contact with others until 5 days after onset of parotitis.**
- **Collect specimens on patients with suspected mumps:**
  - **Buccal swab and urine for PCR and virus isolation**
  - **Serum for mumps IgG and IgM**
  - **Contact Public Health for routing of specimens.**
- **Report confirmed or suspected mumps cases to Public Health at (206) 296-4774.**

**Background:** An increasing number of mumps cases have been reported this week, primarily from students in the Auburn School District. Healthcare providers should be vigilant for potential mumps infections, particularly in persons who have links to the Auburn School District. Healthcare facilities should take steps to identify potential mumps cases and promptly implement recommended infection control measures to prevent transmission to other patients and staff. Suspected cases should be tested and counseled not to return to work or school and avoid contact with others until 5 days after onset of parotitis.

**Resources:**

- Public Health – Seattle & King County information on mumps:  
<http://www.kingcounty.gov/depts/health/communicable-diseases/disease-control/mumps.aspx>
- CDC information on mumps: <https://www.cdc.gov/mumps/>
- CDC information on mumps outbreaks in the U.S.: <http://www.cdc.gov/mumps/outbreaks.html>